Subject: SysInfo and Alpine Linux
Posted by Novo on Sat, 28 Nov 2020 17:31:48 GMT

SysInfo cannot be compiled in Alpine Linux:
/home/buildbot/dvlp/cpp/code/upp/git/bazaar/SysInfo/SysInfo.cpp:1739:3: error: no matching
function for call to 'reboot'
        reboot(0xfee1dead, 672274793, 0xCDEF0123);
        ^~~~~~
/usr/include/sys/reboot.h:15:5: note: candidate function not viable: requires 1 argument, but 3
were provided
int reboot(int);
    ^
/home/buildbot/dvlp/cpp/code/upp/git/bazaar/SysInfo/SysInfo.cpp:1749:3: error: no matching
function for call to 'reboot'
        reboot(0xfee1dead, 672274793, 0x01234567);
        ^~~~~~
/usr/include/sys/reboot.h:15:5: note: candidate function not viable: requires 1 argument, but 3
were provided
int reboot(int);

The problem is here:
#if __GNU_LIBRARY__ > 5
  reboot(0xCDEF0123);
#else
  reboot(0xfee1dead, 672274793, 0xCDEF0123);
#endif

Alpine Linux is built around musl libc and __GNU_LIBRARY__ is undefined in it.